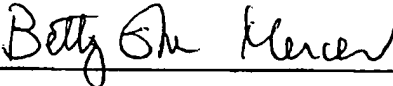

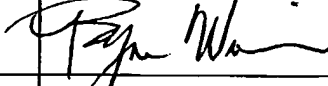


**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

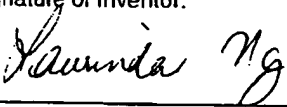
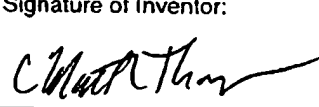
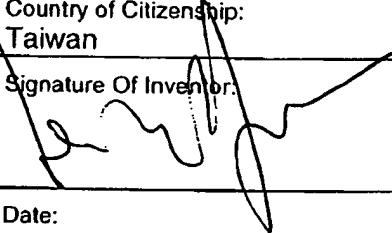
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION:		
SMALL VIATOPS FOR THICK COPPER CONNECTORS		
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH. Practitioners at Customer Number: 23494 Thomas G. Eschweiler, Reg. No. 36,981 Eric M. Highman, Reg. No. 43,672 Gregory J. Adams, Reg. No. 44,494 William J. Cooper, Reg. No. 44,629		
SEND CORRESPONDENCE TO:		DIRECT TELEPHONE CALLS TO:
Jacqueline J. Garner Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265		Jacqueline J. Garner (214) 532-9348
NAME OF INVENTOR: (1)	NAME OF INVENTOR: (2)	NAME OF INVENTOR: (3)
Betty Shu Mercer	Alec J. Morton	Byron Lovell Williams
RESIDENCE (City and State Only)	RESIDENCE (City and State Only)	RESIDENCE (City and State Only)
Plano, Texas	Plano, Texas	Plano, Texas
Post Office Address:	Post Office Address:	Post Office Address:
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Country of Citizenship:	Country of Citizenship:	Country of Citizenship:
United States	United Kingdom	United States
Signature of Inventor:	Signature of Inventor:	Signature of Inventor:
		
Date:	Date:	Date:
12/11/2003	11 December 2003	12/11/03

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NAME OF INVENTOR: (1) Laurinda W. Ng	NAME OF INVENTOR: (2) C. Matthew Thompson	NAME OF INVENTOR: (3) Der-E Jan
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Country of Citizenship: United States	Country of Citizenship: United States	Country of Citizenship: Taiwan
Signature of Inventor: 	Signature of Inventor: 	Signature Of Inventor: 
Date: 12/11/2003	Date: 12/12/03	Date: 12/11/03

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

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NAME OF INVENTOR: (1) Sunny Kam Lee	NAME OF INVENTOR: (2) Phuong-Lan Thi Tran	NAME OF INVENTOR: (3)
RESIDENCE (City and State Only) Garland, Texas	RESIDENCE (City and State Only) Frisco, Texas	RESIDENCE (City and State Only)
Post Office Address: 2213 Lone Pecan Drive Garland, Texas 75040	Post Office Address: 4816 Voyager Drive Frisco, Texas	Post Office Address:
Country of Citizenship: United States	Country of Citizenship: United States	Country of Citizenship:
Signature of Inventor: 	Signature of Inventor: 	Signature Of Inventor:
Date: 12-12-03	Date: 12/12/03	Date: